

*Sub 1*

**WHAT IS CLAIMED IS:**

1. A woven textile prosthetic implant comprising:  
an elongate tubular body formed of fabric having  
a fabric thickness no greater than about 0.16 mm, said  
tubular body having longitudinally spaced wave-like,  
generally uniform crimps along the length thereof, said  
crimps having a crimp frequency of no less than about 6  
crimps per centimeter.

2. A woven textile prosthetic implant of claim 1  
wherein said tubular body includes an x-ray detectable,  
radiopaque yarn therein.

3. A woven textile prosthetic implant of claim 2  
wherein said radiopaque yarn extends longitudinally along  
the length of the tubular body.

4. A woven textile prosthetic implant of claim 1  
wherein said wave-like crimps have a peak-to-peak amplitude  
of no greater than about 0.5 mm.

5. A woven textile prosthetic implant of claim 1  
wherein said body has a fabric thickness of about 0.12 mm  
and a maximum crimp frequency of about 42 crimps per cm.

6. A woven textile graft comprising:  
an elongate tubular graft body having a wall  
thickness of no greater than about 0.16 mm and defining a  
pattern of wave-like crimps along said body, the number of  
crimps, C per centimeter of body length being defined by the  
equation:

$$C = [2 (t \div 10)]^{-1} ;$$

wherein t equals the body wall thickness in mm.

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7. A woven textile graft of claim 6 wherein said wave-like crimps define a peak-to-peak amplitude of no greater than about ~~0.6~~<sup>0.5</sup> mm.

8. A woven textile graft of claim 7 wherein said tubular body includes a radiopaque marker therein.

9. A woven textile graft of claim 8 wherein said marker extends the length of said tubular body.

10. A woven textile graft of claim 1 wherein said tubular body is bifurcated.

5 *Surf* 11. A woven textile intraluminally implantable graft comprising:

an elongate tubular graft body having a wall thickness of dimension such that the graft body may be readily compressed for insertion into a delivery catheter;

said tubular graft body having a plurality of longitudinally spaced wave-like crimps along the length thereof;

10 said tubular graft body including a plurality of wave-like crimps along the length of said tubular body, said wave-like crimps defining a crimp of no less than 8 crimps per cm.

12. A woven textile graft of claim 11 wherein said wall thickness is no greater than about 0.16 mm.

13. A woven textile graft of claim 12 wherein said wave-like crimp has a crimp pattern with a crimp frequency no less than 8 crimps per centimeter.

C 13 14. A woven textile graft of claim 13 wherein said crimps have a generally uniform peak-to-peak amplitude not exceeding about ~~0.6~~<sup>0.5</sup> mm.

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15. A woven textile graft of claim 14 wherein said tubular body includes a radiopaque marker therein.

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16. A woven textile graft of claim 11 wherein said tubular body may be compressed for insertion into an endoluminal catheter.

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17. A woven textile graft of claim 11 wherein said tubular graft body is bifurcated.

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